

| L Number | Hits | Search Text | DB | Time stamp |
|----------|---------|--|--|------------------|
| 1 | 5 | "5822363" | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/09/15 13:48 |
| 2 | 2 | 5563906.pn. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/09/15 13:58 |
| 3 | 2 | 5519725.pn. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/09/15 13:58 |
| - | 629 | differential adj1 phase adj1 shift\$3 adj1 key\$3 | USPAT | 2001/12/06 09:14 |
| - | 236 | ((differential adj1 phase adj1 shift\$3 adj1 key\$3) and modulator and demodulator | USPAT | 2001/12/05 16:48 |
| - | 33 | ((differential adj1 phase adj1 shift\$3 adj1 key\$3) and modulator and demodulator) and (differential adj1 encoder) | USPAT | 2001/12/05 17:38 |
| - | 812 | differential adj1 phase adj1 shift\$3 adj1 key\$3 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/05 18:09 |
| - | 240 | ((differential adj1 phase adj1 shift\$3 adj1 key\$3) and modulator and demodulator | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/05 16:49 |
| - | 138 | ((differential adj1 phase adj1 shift\$3 adj1 key\$3) and modulator and demodulator) and (audio or voice) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/05 16:49 |
| - | 22 | ((differential adj1 phase adj1 shift\$3 adj1 key\$3) and modulator and demodulator) and (audio or voice)) and (differential adj1 encoder) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/05 18:06 |
| - | 15343 | ((combin\$ or summ\$) with (audio or voice or analog) with (data or digital) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/05 18:09 |
| - | 63 | ((differential adj1 phase adj1 shift\$3 adj1 key\$3) and ((combin\$ or summ\$) with (audio or voice or analog) with (data or digital)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 09:11 |
| - | 2294 | transmi\$ with (power adj1 line) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 09:12 |
| - | 2978621 | ((differential adj1 phase adj1 shift\$3 adj1 key\$3) or dpsk or d!psk | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 09:35 |
| - | 720 | ((transmi\$ with (power adj1 line)) and ((differential adj1 phase adj1 shift\$3 adj1 key\$3) or dpsk or d!psk)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 09:17 |
| - | 350 | ((transmi\$ with (power adj1 line)) and ((differential adj1 phase adj1 shift\$3 adj1 key\$3) or dpsk or d!psk)) and (audio or voice or analog) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 09:28 |
| - | 20 | ((transmi\$ with (power adj1 line)) and ((differential adj1 phase adj1 shift\$3 adj1 key\$3) or dpsk or d!psk)) and (audio or voice or analog)) and toggle | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 09:18 |
| - | 509 | differential adj1 encoder | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 09:25 |

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| - | 3 | ((transmi\$ with (power adj1 line)) and ((differential adj1 phase adj1 shift\$3 adj1 key\$3) or dpsk or d!psk)) and (audio or voice or analog)) and (differential adj1 encoder) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 09:25 |
| - | 23 | ((transmi\$ with (power adj1 line)) and ((differential adj1 phase adj1 shift\$3 adj1 key\$3) or dpsk or d!psk)) and (receiv\$ with (analog adj1 signal)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 09:42 |
| - | 2244 | (differential adj1 phase adj1 shift\$3 adj1 key\$3) or dpsk or d\$psk | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 09:52 |
| - | 14 | (transmi\$ with (power adj1 line)) and ((differential adj1 phase adj1 shift\$3 adj1 key\$3) or dpsk or d\$psk) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 09:40 |
| - | 130 | ((differential adj1 phase adj1 shift\$3 adj1 key\$3) or dpsk or d\$psk) and (receiv\$ with (analog adj1 signal)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 09:54 |
| - | 2201 | (differential adj1 phase adj1 shift\$3 adj1 key\$3) or dpsk or d?psk | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 16:49 |
| - | 130 | ((differential adj1 phase adj1 shift\$3 adj1 key\$3) or dpsk or d?psk) and (receiv\$ with (analog adj1 signal)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 09:55 |
| - | 347 | ((differential adj1 phase adj1 shift\$3 adj1 key\$3) or dpsk or d?psk) with demodulator | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 10:20 |
| - | 198 | ((differential adj1 phase adj1 shift\$3 adj1 key\$3) or dpsk or d?psk) adj2 demodulator | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 11:17 |
| - | 2221 | differential adj1 (encod\$3 or cod\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 11:48 |
| - | 0 | (differential adj1 (encod\$3 or cod\$3)) with (composite adj1 signal) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 11:20 |
| - | 53 | (differential adj1 (encod\$3 or cod\$3)) and (composite adj1 signal) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 11:20 |
| - | 241 | ((differential adj1 phase adj1 shift\$3 adj1 key\$3) or dpsk or d?psk) and (differential adj1 (encod\$3 or cod\$3)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 11:51 |
| - | 164 | ((differential adj1 phase adj1 shift\$3 adj1 key\$3) or dpsk or d?psk) and (differential adj1 (encod\$3 or cod\$3)) and (audio or voice or analog) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 12:10 |
| - | 10466 | (summ\$3 or add\$3) with digital with analog | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 12:12 |
| - | 10455 | (summ\$3 or add\$3) adj3 digital | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 12:12 |
| - | 73 | (differential adj1 (encod\$3 or cod\$3)) and ((summ\$3 or add\$3) adj3 digital) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 14:33 |

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|---|--------|--|--|------------------|
| - | 17 | (dip adj1 switch) with security | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/07 15:07 |
| - | 689377 | (differential eight phase adj1 shift\$3 adj1 key\$3) or d8psk | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 16:52 |
| - | 689377 | (differential eight phase adj1 shift\$3 adj1 key\$3) or "d8psk" | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 17:03 |
| - | 1920 | ((differential eight phase adj1 shift\$3 adj1 key\$3) or "d8psk") adj1 modulats\$ | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 16:54 |
| - | 602 | ((differential eight phase adj1 shift\$3 adj1 key\$3) or "d8psk") adj1 demodulat\$ | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 16:54 |
| - | 140 | ((((differential eight phase adj1 shift\$3 adj1 key\$3) or "d8psk") adj1 modulats\$) and ((differential eight phase adj1 shift\$3 adj1 key\$3) or "d8psk") adj1 demodulat\$) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 16:54 |
| - | 4 | (differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or "d8psk" | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 18:04 |
| - | 1223 | (differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or "d?psk" | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 18:18 |
| - | 80 | ((differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or "d?psk") adj1 modulator | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 18:18 |
| - | 110 | ((differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or "d?psk") adj1 demodulator | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 18:19 |
| - | 32 | ((((differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or "d?psk") adj1 modulator) and (((differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or "d?psk") adj1 demodulator) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 18:07 |
| - | 876 | (differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or d?psk | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 18:46 |
| - | 13 | ((((differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or d?psk) adj1 modulator) and (((differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or d?psk) adj1 demodulator) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 18:19 |
| - | 70 | ((differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or d?psk) adj1 modulator | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 18:22 |
| - | 43 | ((differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or d?psk) adj1 demodulator | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 18:26 |
| - | 662 | ((differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or d?psk) with modulats\$3 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 18:31 |
| - | 251 | ((differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or d?psk) with demodulat\$3 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 18:32 |

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| - | 189 | ((differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or d?psk) with modulat\$3) and ((differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or d?psk) with demodulat\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/06 18:32 |
| - | 134 | (differential adj1 eight adj1 phase adj1 shift\$3 adj1 key\$3) or d8psk or 8psk | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/07 11:41 |
| - | 535 | (channel) with (cable or wired) with RF | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/07 11:45 |
| - | 180 | ((channel) with (cable or wired) with RF) and transmitter and receiver | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/07 11:44 |
| - | 4 | (channel) with (cable or wired) with RF with (power adj1 line) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/07 11:45 |
| - | 92 | (dip adj1 switch) with frequenc\$2 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/07 15:07 |
| - | 14 | ((dip adj1 switch) with frequenc\$2) and security | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/07 15:15 |
| - | 9 | ((dip adj1 switch) with frequenc\$2) and security) and code | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/07 17:13 |
| - | 3 | 5822363.pn. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/07 17:40 |
| - | 5 | ((("5848103") or ("5422913") or ("5841390") or ("5822363") or ("6320941"))).PN. | USPAT | 2001/12/07 17:41 |
| - | 205 | 375/279.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 14:43 |
| - | 68 | 375/271.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 14:43 |
| - | 192 | 375/223.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 14:43 |
| - | 29 | 375/273.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 14:43 |
| - | 485 | 375/308.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 14:43 |
| - | 446 | 375/329.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 14:44 |
| - | 187 | 375/330.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 14:44 |
| - | 113 | 455/23.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 14:45 |

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| - | 154 | 375/331.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 14:45 |
| - | 310 | 375/332.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 14:46 |
| - | 1954 | 375/279.ccls. or 375/271.ccls. or 375/223.ccls. or 375/273.ccls. or 375/308.ccls. or 375/329.ccls. or 375/330.ccls. or 455/23.ccls. or 375/331.ccls. or 375/332.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 14:46 |
| - | 129 | (375/279.ccls. or 375/271.ccls. or 375/223.ccls. or 375/273.ccls. or 375/308.ccls. or 375/329.ccls. or 375/330.ccls. or 455/23.ccls. or 375/331.ccls. or 375/332.ccls.) and (differential adj5 demodulat\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 14:47 |
| - | 59 | ((375/279.ccls. or 375/271.ccls. or 375/223.ccls. or 375/273.ccls. or 375/308.ccls. or 375/329.ccls. or 375/330.ccls. or 455/23.ccls. or 375/331.ccls. or 375/332.ccls.) and (differential adj5 modulats\$3)) and ((375/279.ccls. or 375/271.ccls. or 375/223.ccls. or 375/273.ccls. or 375/308.ccls. or 375/329.ccls. or 375/330.ccls. or 455/23.ccls. or 375/331.ccls. or 375/332.ccls.) and (differential adj5 demodulat\$3)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 14:48 |
| - | 185 | (375/279.ccls. or 375/271.ccls. or 375/223.ccls. or 375/273.ccls. or 375/308.ccls. or 375/329.ccls. or 375/330.ccls. or 455/23.ccls. or 375/331.ccls. or 375/332.ccls.) and (differential adj5 modulats\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 15:47 |
| - | 5139 | (add\$2 or summ\$3) and (differential adj5 (encod\$3 or modulats\$3)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 15:29 |
| - | 170 | ((add\$2 or summ\$3)adj3 digital and (analog or voice or audio)) and (differential adj5 (encod\$3 or modulats\$3)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 15:33 |
| - | 68 | (375/279.ccls. or 375/271.ccls. or 375/223.ccls. or 375/273.ccls. or 375/308.ccls. or 375/329.ccls. or 375/330.ccls. or 455/23.ccls. or 375/331.ccls. or 375/332.ccls.) and composi\$ adj1 signal | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2001/12/08 15:49 |
| - | 830 | 340/310.01.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/27 14:23 |
| - | 376 | 340/310.02.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/27 14:24 |
| - | 1118 | 340/310.01.ccls. or 340/310.02.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/27 14:24 |
| - | 105 | (340/310.01.ccls. or 340/310.02.ccls.) and differential | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/27 14:25 |
| - | 2 | (340/310.01.ccls. or 340/310.02.ccls.) and differential adj1 (modulats\$3 oe encod\$3 or cod\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/27 15:47 |

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| - | 2677 | differential adj1 (modulat\$3 or encod\$3 or cod\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/27 14:31 |
| - | 1049 | (differential adj1 (modulat\$3 or encod\$3 or cod\$3)) and (toggl\$3 or switch\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/27 14:37 |
| - | 240 | (differential adj1 (modulat\$3 or encod\$3 or cod\$3)) and (toggl\$3 or switch\$3) adj4 (data or bit\$1) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/27 14:57 |
| - | 5 | ("4785467" "5182745" "5438571" "5467369" "5631849").PN. | USPAT | 2002/08/27 15:32 |
| - | 2 | 5862180.URPN. | USPAT | 2002/08/27 15:33 |
| - | 314 | (differential adj1 (modulat\$3 or encod\$3 or cod\$3)).ti. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/27 15:50 |
| - | 2 | ((differential adj1 (modulat\$3 or encod\$3 or cod\$3)).ti.) and toggl\$3 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/28 09:06 |
| - | 37 | ((differential adj1 (modulat\$3 or encod\$3 or cod\$3)).ti.) and switch\$3 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/27 15:54 |
| - | 113 | (differentia\$3 adj1 (modulat\$3 or encod\$3 or cod\$3)) and toggl\$3 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/28 09:46 |
| - | 77 | (differentia\$3 adj1 (modulat\$3 or encod\$3 or cod\$3)) and (frame adj1 buffer) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/28 10:03 |
| - | 107 | (differentia\$3 adj1 (modulat\$3 or encod\$3 or cod\$3)) and (frame adj1 memory) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/28 10:11 |
| - | 8 | ((differentia\$3 adj1 (modulat\$3 or encod\$3 or cod\$3)) and (frame adj1 memory)) and (analog adj1 signal) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/28 10:12 |
| - | 208 | clock\$3 adj1 data adj1 stream\$3 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/30 14:53 |
| - | 76 | (clock\$3 adj1 data adj1 stream\$3) and (one with zero) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/30 14:55 |
| - | 73 | ((clock\$3 adj1 data adj1 stream\$3) and (one with zero)) and different\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/30 15:02 |
| - | 5 | (clock\$3 adj1 data adj1 stream\$3) and (different\$4 adj1 (cod\$3 or encod\$3 or modulat\$3)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/30 15:05 |
| - | 1469 | ((select\$3 or switch\$3 or loggl\$3) with alternat\$3) and (different\$4 adj1 (cod\$3 or encod\$3 or modulat\$3)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/30 15:10 |
| - | 1075 | ((select\$3 or switch\$3 or loggl\$3) with alternat\$3) and (different\$4 adj1 (cod\$3 or encod\$3 or modulat\$3)) and (buffer\$1 or memor\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/30 15:12 |
| - | 79 | ((select\$3 or switch\$3 or loggl\$3) with alternat\$3 with clock\$3) and (different\$4 adj1 (cod\$3 or encod\$3 or modulat\$3)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/30 15:39 |

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|---|-----|---|--|------------------|
| - | 65 | ((select\$3 or switch\$3 or loggl\$3) with alternat\$3 with clock\$3) and (different\$4 adj1 (cod\$3 or encod\$3 or modulat\$3))) and (buffer\$1 or memor\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/30 15:12 |
| - | 513 | (frame adj1 (buffer or memory)) and (different\$4 adj1 (cod\$3 or encod\$3 or modulat\$3)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/08/30 15:42 |
| - | 21 | geometric adj1 harmonic adj1 modulat\$3 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/09/13 16:27 |
| - | 2 | ((("5416801") or ("5822363")).PN. | USPAT | 2002/09/13 16:27 |
| - | 6 | ghm.ti. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/09/15 10:42 |
| - | 6 | ghm and (dpsk or dqsk) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/09/15 13:56 |
| - | 0 | ghm and (dqpsk) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/09/15 13:48 |